

California Regional Water Quality Control Board
North Coast Region

Order No. R1-2001-60
NPDES Permit No. CA0024490_
I.D. No. 1B82084OHUM

WASTE DISCHARGE REQUIREMENTS
AND
WATER RECYCLING REQUIREMENTS

FOR

McKINLEYVILLE COMMUNITY SERVICES DISTRICT
WASTEWATER TREATMENT FACILITY (WWTF)

Humboldt County

The California Regional Water Quality Control Board, North Coast Region (hereinafter Regional Water Board) finds that:

1. The McKinleyville Community Services District (hereinafter Permittee) submitted a Report of Waste Discharge dated January 8, 2001 and applied for renewal of its Permit to discharge treated municipal wastewater under the National Pollutant Discharge Elimination System (NPDES) from the McKinleyville Wastewater Treatment Facility (WWTF). Waste Discharge Requirements Order No. 96-7 was adopted on April 25, 1996 and currently is in effect for this discharge.
2. The Permittee owns and operates wastewater collection, treatment, and disposal facilities that serve the unincorporated area of McKinleyville in northern Humboldt County. No industrial users are connected to the WWTF. The WWTF is located on fifty acres of land in the SE ¼ Section 36, T7N, R1W, HB&M, as shown in "Attachment A" incorporated herein and made a part of this Order.
3. The WWTF consists of two primary oxidation ponds (11.2 acres) and three secondary oxidation ponds (8.8 acres) and has a total pond area of 20 acres. Treated wastewater is disinfected and discharged to the Mad River (Discharge SN 001) during winter months at a rate less than or equal to one percent of the river flow rate and when flows in the River exceed 200 cubic feet per second (cfs). During summer months (May 15 through September 30) and low-flow periods of the Mad River, treated wastewater is discharged into two percolation ponds located adjacent to the River and is irrigated on dairy pastures southwest of McKinleyville and in the Arcata bottoms.
4. The previous Permit, Order No. 96-7, stated that the biological treatment capacity of the ponds is 1.18 million gallons per day (mgd) and the hydraulic capacity of the disinfection facilities (chlorine contact chamber) is estimated at 3.3 mgd. Average dry weather flows were 0.90 mgd during summer 2000.
5. On October 29, 1999, the Permittee submitted a letter to the Regional Water Board stating that the WWTF had reached 75% of capacity, and that the Permittee would initiate a capacity study to estimate how long it would be before capacity was reached. The capacity study, prepared by Oscar Larson & Associates, was submitted to the Regional Water Board on January 8, 2000. The study included

an assessment of the capacity of each of the process components of the WWTF. The assessment concluded that the land disposal capacity is 1.51 mgd, and the biological treatment capacity is 1.61 mgd. The Permittee has requested that the Regional Water Board permit an increase in its discharge volume to 1.80 mgd. Regional Water Board staff will evaluate the consultant's assessment and will recommend reopening the Permit if the WWTF has capacity in excess of the currently rated biological treatment capacity of 1.18 mgd.

6. Effluent used for irrigation on pastures is considered "Disinfected Secondary-23 Recycled Water," under Title 22, California Code of Regulations (CCR), §60301.225. The use of this recycled water on pasture for animals producing milk for human consumption is consistent with Title 22, CCR, §60304(c)(5). Irrigation occurs on the following parcels:

<u>Name</u>	<u>Owner</u>	<u>Assessor's Parcel Number</u>	<u>Irrigable Acres</u>
Fisher Ranch	McKinleyville CSD	508-021-05	30 acres (upper) 40 acres (lower)
Homen Dairy	Jose L. Homen, Jr.	507-161-02 506-321-10	64 acres 39 acres
Hiller East (formerly Rylander)	McKinleyville CSD	510-221-02	28 acres

Percolation ponds and water recycling sites are shown on Attachment A. Type I irrigation (discharge rate less than or equal to vegetative demand) is the method used for water recycling on the above listed parcels, except the upper 30 acres of the Fisher Ranch site. When all other disposal areas are at their maximum, Type II irrigation (discharge rate not to exceed the transmissivity of the soil) can be applied to those 30 acres.

The Permittee is proposing to incorporate the following parcels into the water recycling program:

<u>Name</u>	<u>Owner</u>	<u>Assessor's Parcel Number</u>	<u>Irrigable Acres</u>
Pialorsi Dairy	Bruno Pialorsi	506-341-17 508-031-61	60 acres (total)

The pasture, known as the Pialorsi Dairy, is adjacent to and east of the Fisher Ranch property on the north side of the Mad River. The Permittee, acting as the lead agency, prepared an Initial Study in May 1999. A Negative Declaration was adopted July 8, 1999 by the Board of Directors. The Regional Water Board has reviewed and considered the Initial Study and Negative Declaration pursuant to the California Environmental Quality Act (CEQA) guidelines. Type I irrigation will be employed, and setback distances of 100 feet will be maintained from property boundaries. The Regional Water Board finds that water may be recycled

on this pasture in compliance with the water recycling provisions of this Permit and Title 22, CCR, § 60301 et seq.

These parcels lie within watersheds that are tributary to the Mad River and Humboldt Bay.

7. Sludge is allowed to digest in deep sections of the first treatment lagoons (ponds 1A and 1B). Based on the sludge accumulation rate measured over a three-year period and available space for sludge in the ponds, the Permittee foresees that the sludge will not need to be removed from the ponds until the year 2019.
8. Provision F.23 of Order 96-7 required the Permittee to conduct a detailed Toxicity Identification Evaluation to investigate the acute toxicity of the effluent on rainbow trout (*Oncorhynchus mykiss*). The Permittee has conducted an investigation and submitted a report in compliance with Order No. 96-7. The report determined that the toxicity was due to unionized ammonia in the effluent that occurred at high pH levels that increased during the laboratory test procedure. Better methods of stabilizing the pH during the test were developed, and the Regional Water Board acknowledges compliance with Provision F.23.
9. This facility is a major discharger as defined by the U.S. Environmental Protection Agency (U.S. EPA). Regional Water Board Staff has determined that this facility has a threat to water quality and complexity rating of 2-A, corresponding to an annual fee of \$4,000.
10. The Water Quality Control Plan for the North Coast Region (Basin Plan) includes water quality objectives, implementation plans for point source and nonpoint source discharges, prohibitions, and statewide plans and policies. The Basin Plan also includes a prohibition of discharge to the Mad River during the period from May 15 through September 30, and during all other periods when the waste discharge flow is greater than one percent of the river's flow.
11. The biochemical oxygen demand (BOD) effluent limit in this Permit is higher than that in Order 96-7. The new limit is based on the treatment equivalent to secondary (40 CFR 133.105(a)). This facility is eligible for treatment equivalent to secondary treatment pursuant to 40 CFR 133.101 (g), as a facility where: 1) the BOD₅ effluent concentration consistently achievable exceeds the minimum level for secondary treatment effluent limitations, 2) a waste stabilization pond is used as the principle process, and 3) the treatment works provide significant biological treatment of municipal wastewater. Raising the limit is justified because new information, in the form of monitoring data, is available now that was not available when the permit was originally adopted (40 CFR 122.44(l)(2)(i)(B)). The effluent limitation for total suspended solids in this permit is set pursuant to 40 CFR 133.103(c) and Federal Register Volume 43, pages 55279-80. The limit is based on an adjusted minimum level for waste stabilization ponds in California, and does not represent a change from Order 96-7.
12. The Basin Plan contains a narrative objective (standard) for toxicity that requires:

All waters shall be maintained free of toxic substances in concentrations that are toxic to, or that produce detrimental physiological responses in human, plant, animal, or aquatic life. Compliance with this objective will be determined by use

of indicator organisms, analyses of species diversity, population density, growth anomalies, bioassay of appropriate duration or other appropriate methods as specified by the Regional Water Board.

The survival of aquatic life in surface waters subjected to a waste discharge, or other controllable water quality factors, shall not be less than that for the same water body in areas unaffected by the waste discharge, or when necessary for other control water that is consistent with the requirements for "experimental water" as described in Standard Methods for the Examination of Water and Wastewater 18th Edition (1992). As a minimum, compliance with this objective as stated in the previous sentence shall be evaluated with a 96-hour bioassay.

In addition, effluent limits based upon acute bioassays of effluent will be prescribed. Where appropriate, additional numerical receiving water objectives for specific toxicants will be established as sufficient data become available, and source control of toxic substances will be encouraged.

13. The Permittee does not have storm water discharges associated with industrial activities, category "ix" as defined in 40 CFR Section 122.26(b)(14) because they are routed through the WWTF or percolate into the ground on-site.
14. The State Water Resources Control Board (State Water Board) adopted the Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California (also known as the State Implementation Plan or SIP) on March 2, 2000. All provisions of the SIP became effective as of May 22, 2000. The SIP applies to discharges of toxic pollutants into the inland surface waters, enclosed bays, and estuaries of California subject to regulation under the State's Porter-Cologne Water Quality Control Act (Division 7 of the California Water Code) and the federal Clean Water Act (CWA). This Policy establishes: (1) implementation provisions for priority pollutant criteria promulgated by the U.S. EPA through the National Toxics Rule (NTR) and through the California Toxics Rule (CTR), and for priority pollutant objectives established by Regional Water Quality Control Boards (Regional Water Boards) in their water quality control plans (basin plans); (2) monitoring requirements for 2,3,7,8-TCDD equivalents; and (3) chronic toxicity control provisions.

Insufficient background and effluent data exist to determine whether any of the priority pollutants are, or may be, discharged at a level that will cause, have the reasonable potential to cause, or contribute to an excursion above any State water quality standard. In accordance with the SIP, the Regional Water Board has issued a 13267 (b) Order to require the Permittee to obtain the data. After the data are gathered, the reasonable potential analysis (RPA) will be performed and the Permit reopened to include additional numerical limitations, if necessary.

15. The beneficial uses of the Mad River include:
 - a. municipal and domestic supply
 - b. agricultural supply
 - c. industrial service supply
 - d. industrial process supply
 - e. groundwater recharge
 - f. hydropower generation
 - g. water contact recreation
 - h. noncontact water recreation
 - i. commercial and sport fishing
 - j. warm freshwater habitat
 - k. cold freshwater habitat
 - l. wildlife habitat
 - m. preservation of rare, threatened or endangered species
 - n. migration of aquatic organisms
 - o. spawning, reproduction, and/or early development of fish
 - p. estuarine habitat
 - q. aquaculture
16. Beneficial uses of Humboldt Bay include:
 - a. industrial water supply
 - b. navigation
 - c. water contact recreation
 - d. noncontact water recreation
 - e. commercial and sport fishing
 - f. wildlife habitat
 - g. preservation of rare and endangered species
 - h. marine habitat
 - i. migration of aquatic organisms
 - j. spawning, reproduction, and /or early development
 - k. shellfish harvesting
 - l. estuarine habitat
 - m. aquaculture
17. Beneficial uses of areal groundwaters include:
 - a. domestic water supply
 - b. agricultural water supply
 - c. industrial service supply
 - d. industrial process supply
18. Effluent limitations and toxic and pretreatment effluent standards established pursuant to Sections 208(b), 301, 302, 303(d), 304, 306, and 307 of the CWA and amendments thereto are applicable to the Permittee. The Mad River is listed as an impaired water body pursuant to Section 303(d) of the CWA with respect to sedimentation/siltation and turbidity. The U.S. EPA will develop a total maximum daily load (TMDL) for sediment/siltation for the area tributary to and including: (1) Mad River (North Fork), Mad River (Upper), and Mad River

(Middle). A turbidity TMDL will be developed for the area tributary to and including: (1) Mad River (North Fork), Mad River (Upper), and Mad River (Middle). These TMDLs are not expected to affect the Permittee, as the discharge is located on the Lower Mad River.

19. The permitted discharge is consistent with the antidegradation provision of 40 CFR 131.12 and State Water Resources Control Board Resolution No. 68-16, Statement of Policy with Respect to Maintaining High Quality of Waters within California. The impact on existing water quality will be insignificant.
20. The action to renew an NPDES Permit is exempt from Chapter 3 of the California Environmental Quality Act (CEQA), Public Resources Code Section 21000, et seq., in accordance with Section 13389 of the California Water Code, and also is exempt from CEQA pursuant to Title 14, California Code of Regulations, Section 15301 for permitting existing facilities involving no or negligible expansion or use.
21. The Regional Water Board has notified the Permittee and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written comments and recommendations.
22. The Regional Water Board, in a public meeting, heard and considered all comments pertaining to the discharge.
23. This Order will serve as a National Pollutant Discharge Elimination System Permit pursuant to Section 402 of the Clean Water Act, or amendments thereto, and will take effect upon adoption by the Regional Water Board.

THEREFORE, IT IS HEREBY ORDERED that Waste Discharge Requirements Order No. 96-7 is rescinded and the Permittee, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. DISCHARGE PROHIBITIONS

1. The discharge of any waste not specifically regulated by this Permit is prohibited.
2. Creation of a pollution, contamination, or nuisance as defined by Section 13050 of the California Water Code (CWC) is prohibited.
3. The discharge of sludge or screenings is prohibited, except as authorized under Section E. **SOLIDS DISPOSAL**.
4. The discharge of untreated waste from anywhere within the collection, treatment, or disposal facility is prohibited.
5. The discharge of any waste to the Mad River or its tributaries during the period May 15 through September 30 each year is prohibited.

6. During the period October 1 through May 14, treated waste may be discharged to the Mad River only when the flow of the River as measured at the Highway 299 overpass (USGS Gage No. 11-4810.00) is:
 - a. Greater than 100 times the waste flow, and
 - b. Greater than 200 cubic feet per second (cfs)
7. The use and discharge of recycled water to lands other than as described in Finding No. 6 of this Order is prohibited. The discharge of recycled water to surface waters is prohibited.

B. EFFLUENT LIMITATIONS

1. Representative samples of the discharge (SN 001) to the Mad River, summertime percolation ponds, and water recycling areas shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>Monthly Average^a</u>	<u>Weekly Average^b</u>	<u>Daily Maximum^c</u>
BOD (20°, 5-day)	mg/l lb/day ^d	45 441	65 637	--- ---
Suspended Solids	mg/l lb/day ^d	95 931	--- ---	--- ---
Settleable Solids	ml/l	0.1	---	0.2
Coliform Organisms (Total)	MPN/100 ml	23 ^e	---	230
Hydrogen Ion	pH	Not less than 6.5 nor greater than 8.5		

2. A minimum chlorine residual of 1.5 mg/l shall be maintained at the end of the disinfection process.
3. There shall be no detectable levels of chlorine discharged to the Mad River or its tributaries, using a minimum detection limit of 0.1 mg/l.
4. The arithmetic mean of the BOD (20°C, 5-day) and Suspended Solids values, by weight, for effluent samples collected in a period of 30 consecutive days shall not exceed 35 percent of the arithmetic mean of the values, by weight, for influent

^a The arithmetic mean all samples collected in a calendar month.

^b The arithmetic mean of all samples collected in a calendar week, Sunday to Saturday.

^c The maximum result of all samples collected in a calendar day.

^d The daily discharge (lbs/day) is obtained from the following calculation of any calendar day:

$$\frac{8.34}{N} \sum_{i=1}^N Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (mgd) and the constituent concentration (mg/l), respectively, which are associated with each of the N grab samples, which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample; and Q_i is the average flow rate occurring during the period over which samples are composited.

^e Median

samples collected at approximately the same times during the same period (65 percent removal). [40 CFR 133.105 (a)(3) and (b)(3)] Percent removal shall be determined from the 30-day average value of raw wastewater concentration in comparison to the 30-day average value of effluent concentration for the same constituent over the same time period. [40 CFR 133.101(j)]

5. The mean daily dry weather flow of waste shall not exceed 1.18 mgd averaged over a period of one calendar month.
6. There shall be no acute toxicity in the effluent. Effluents are considered acutely toxic when there is: 1) less than 90 percent survival 70 percent of the time based on any monthly median, or 2) less than 70 percent survival 100 percent of the time. Compliance with this limitation shall be determined in accordance with **F. GENERAL PROVISIONS.24.**

C. RECEIVING WATER LIMITATIONS

1. The waste discharge shall not cause the dissolved oxygen concentration of the Mad River and its tributaries to be depressed below 7.0 mg/l. Additionally, the discharge shall not cause the dissolved oxygen concentration of the receiving waters to be depressed below 7.5 mg/l more than 10% of the time, or lower than 10.0 for more than 50% of the time.
2. The discharge shall not cause the pH of the Mad River and its tributaries to be depressed below 6.5 nor raised above 8.5. Within this range, the discharge shall not cause the pH of the receiving waters to be changed at any time more than 0.5 units from that which occurs naturally.
3. The discharge shall not cause the turbidity of the receiving waters to be increased more than 20 percent above naturally occurring background levels.
4. The discharge shall not cause the receiving waters to contain floating materials, including solids, liquids, foams, and scum, in concentrations that cause nuisance or adversely affect beneficial uses.
5. The discharge shall not cause the receiving waters to contain taste- or odor-producing substances in concentrations that impart undesirable tastes or odors to fish flesh or other edible products of aquatic origin that cause nuisance or that adversely affect beneficial uses.
6. The discharge shall not cause esthetically undesirable discoloration of the receiving waters.
7. The discharge shall not cause bottom deposits in the receiving waters to the extent that such deposits cause nuisance or adversely affect beneficial uses.
8. The discharge shall not contain concentrations of biostimulants that promote aquatic growths to the extent that such growths cause nuisance or adversely affect beneficial uses of the receiving waters.
9. The discharge shall not cause the receiving waters to contain toxic substances in concentrations that are toxic to, degrade, or that produce detrimental

physiological responses in humans or animals or cause acute or chronic toxicity in plants or aquatic life. The discharge shall not cause concentrations of toxic pollutants in the water column, sediments, or biota that adversely affect beneficial uses.

10. The discharge shall not cause a measurable temperature change in the receiving waters.
11. The discharge shall not cause bioaccumulation of pesticide, fungicide, wood treatment chemical, or other toxic pollutant concentrations in bottom sediments or aquatic life to levels that are harmful to human health.
12. The discharge shall not cause the receiving waters to contain oils, greases, waxes, or other materials in concentrations that result in a visible film or coating on the surface of the water or on objects in the water that cause nuisance or that otherwise adversely affect beneficial uses.
13. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Water Board or the State Water Board as required by the Federal Water Pollution Control Act, and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Regional Water Board will revise and modify this Permit in accordance with such more stringent standards.
14. The discharge shall not cause concentrations of contaminants to occur at levels that are harmful to human health in waters that are existing or potential sources of drinking water.
15. The discharge shall not cause chronic toxicity in the receiving waters. Compliance with this limitation shall be determined in accordance with **F. GENERAL PROVISIONS.25.**

D. WATER RECYCLING REQUIREMENTS

1. Recycled water shall be managed in conformance with regulations contained in Title 22, CCR, Division 4, Chapter 3. Title 22 regulations for water recycling and additional site specific requirements to prevent nuisance and public health threats are contained in this Order. The Permittee shall provide a copy of this Order to all persons to whom it provides recycled water and shall obtain their agreement in writing to comply with all applicable provisions of this Order.
2. The Permittee shall be responsible to insure that all users of recycled water comply with the terms and conditions of this Permit.
3. All areas where recycled water is used and that are accessible to the public shall be fenced and posted with conspicuous signs that include the following wording in a size no less than four inches high by eight inches wide “**RECYCLED WATER – DO NOT DRINK.**” Each sign shall display an international symbol similar to that shown in Figure 1 attached hereto and made a part of this Order. Signs are to be posted at intervals not to exceed 500 feet with a minimum of one sign at each side of each corner of the parcel and at access road entrances. Signs are to be posted at intervals of 200 feet

along School and Fischer Roads on the Fisher Ranch and Pialorsi Dairy parcels and on the westerly boundary of the Hiller Parcel.

4. There shall be no connection between a potable water supply and the recycled water distribution system. All piping, valves, and outlets shall be marked to differentiate recycled water from other sources. The recycled water piping system shall not include any hose bibbs. Quick couplers that are different from those used on the potable water system may be used.
5. There shall be no discharge of wastewater other than disinfected secondary-23 recycled water from the WWTF to any of the water recycling areas. In the event of a malfunction of treatment units, the Permittee shall immediately cease discharge of inadequately treated wastewater and shall not resume discharge until the treatment units are returned to service. Sufficient freeboard shall be maintained in the oxidation ponds during the water recycling season to provide holding capacity until treatment units are returned to service.
6. An alarm shall be maintained to provide warning of failure of the disinfection process. The alarm shall be independent of the normal power supply of the WWTF and shall be capable of notifying the Permittee or its designated agent on a continuous 24-hour basis. The person to be warned shall be any responsible person designated by the Permittee who is capable of taking prompt corrective action.
7. Recycled water, including windblown spray, mist, and runoff of effluent applied for irrigation, shall not be discharged onto lands not specifically permitted by this Order or into the Mad River, Humboldt Bay, or their tributaries.

Recycled water shall be controlled to comply with the following:

- a. Any irrigation runoff shall be confined to the recycled water use area.
 - b. Spray, mist, or runoff shall not enter a dwelling, designated outdoor eating areas, or a food handling facility. Direct or windblown spray or mist shall not enter a publicly accessed area.
 - c. Drinking water fountains shall be protected against contact with recycled water spray, mist, or runoff.
8. Recycled water shall not be spray irrigated (wetted perimeter of irrigation area) within 100 feet of a residence or a place where public exposure could be similar to that of a park, playground, or school yard (including Hiller Park and in School Road and Fischer Road right-of-ways).
 9. Recycled water shall not be irrigated (wetted perimeter of irrigation area), impounded, or allowed to runoff within 100 feet of any domestic water supply well.
 10. Recycled water shall be managed so as to prevent ponding and conditions conducive to the proliferation of mosquitoes and other disease vectors, and to avoid creation of a public nuisance or health hazard.
 11. Recycled water shall be managed, and spray and mist of recycled water shall be controlled, to minimize contact with workers.

12. Recycled water shall not be applied to pastures where lactating cows are present. Lactating cows shall not be allowed to graze on recycling areas until recycled water has dried on the vegetation.
13. On all recycling areas, except for the upper 30-acre portion of the Fisher parcel:
 - a. Recycled water shall not be applied to irrigation areas during periods when soils are saturated. Recycled water shall be applied at a rate and volume that does not exceed vegetative demand and soil moisture requirements (Type I irrigation).
 - b. Pipelines shall be maintained to prevent leaks.
14. On the upper 30-acre portion of the Fisher parcel:
 - a. A tailwater recovery system shall be maintained downgradient of the Type II irrigation area. Tailwater shall be reapplied and all applied irrigation water shall infiltrate completely within a 24-hour period or before the next irrigation cycle commences, whichever occurs first.
 - b. A continuous earthen berm shall be maintained a minimum of five feet inside the fenceline along Fisher School Road throughout the length of the Type II irrigation area to prevent runoff of recycled water into public access areas.
 - c. Type II irrigation of recycled water shall not be implemented within fifty feet of the edge of the bluff along the Mad River.
15. The use of recycled water that creates a condition of pollution or nuisance is prohibited.
16. Crops shall be harvested or grazed at appropriate intervals to maintain low vegetative levels in order to permit maintenance and inspection of recycled water areas.

E. SOLIDS DISPOSAL

1. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed at a legal point of disposal, and in accordance with the State Water Board promulgated provisions of Title 27, Division 2, of the California Code of Regulations.
2. The Permittee is encouraged to comply with the State guidance manual issued by the Department of Health Services titled "Manual of Good Practice for Landspreading of Sewage Sludge".
3. Any proposed change in sludge use or a disposal practice from a previously approved practice shall be reported to the Executive Officer of the Regional Water Board (Executive Officer) at least 90 days in advance of the change.
4. Use and disposal of sewage sludge shall comply with existing federal and state laws and regulations, including permitting requirements and technical standards contained in 40 CFR 503.

F. GENERAL PROVISIONS

1. Duty to Comply

The Permittee shall comply with all of the conditions of this Permit. Any Permit noncompliance constitutes a violation of the CWA and the Porter-Cologne Water Quality Control Act and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or denial of a Permit renewal application. [40 CFR 122.41(a)]

The Permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if this Permit has not yet been modified to incorporate the requirement. [40 CFR 122.41(a)(1)]

2. Duty to Reapply

This Permit expires on June 28, 2006. If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, the Permittee shall apply for and obtain a new Permit. The application, including a report of waste discharge in accordance with Title 23, California Code of Regulations shall be received by the Regional Water Board no later than December 28, 2005. [40 CFR 122.41(b)]

The Regional Administrator of the U.S. EPA may grant permission to submit an application at a later date prior to the Permit expiration date; and the Regional Administrator of the U.S. EPA may grant permission to submit the information required by paragraphs (g)(7), (9), and (10) of 40 CFR 122.21 after the Permit expiration date. [40 CFR 122.21(d)(2)]

3. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit. [40 CFR 122.41(c)]

4. Duty to Mitigate

The Permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this Permit that has a reasonable likelihood of adversely affecting human health or the environment. [40 CFR 122.41(d)]

5. Proper Operation and Maintenance

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) that are installed or used by the Permittee to achieve compliance with this Permit. Proper operation and maintenance includes adequate laboratory control and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems that are installed by a Permittee only when necessary to achieve compliance with the conditions of this Permit. [40 CFR 122.41(e)]

6. Permit Actions

This Permit may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this Permit; or
- b. Obtaining this Permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or a permanent reduction or elimination of the authorized discharge; or
- d. A determination that the permitted activity endangers human health or the environment and can only be regulated to acceptable levels by Permit modification or termination. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under Section 307(a) of the CWA for a toxic pollutant that is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this Permit, this Permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition and the Permittee so notified. [40 CFR 122.44(b)]

The filing of a request by the Permittee for a Permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any Permit condition. [40 CFR 122.41(f)]

7. Property Rights

This Permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. [40 CFR 122.41(g)]

8. Duty to Provide Information

The Permittee shall furnish the Regional Water Board, State Water Board, or U.S. EPA, within a reasonable time, any information that the Regional Water Board, State Water Board, or U.S. EPA may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Permit or to determine compliance with this Permit. The Permittee shall also furnish to the Regional Water Board, upon request, copies of records required to be kept by this Permit. [40 CFR 122.41(h)]

The Permittee shall conduct analysis on any sample provided by U.S. EPA as part of the Discharge Monitoring Quality Assurance (DMQA) program. The results of any such analysis shall be submitted to U.S. EPA's DMQA manager.

9. Inspection and Entry

The Permittee shall allow the Regional Water Board, State Water Board, U.S. EPA, and/or other authorized representatives upon the presentation of credentials and other documents as may be required by law to:

- a. Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of this Permit;
- b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Permit;
- c. Inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and
- d. Sample or monitor, at reasonable times, for the purposes of assuring Permit compliance or as otherwise authorized by the CWA, any substances or parameters at any locations. [40 CFR 122.41(i)]

10. Monitoring and Records

- a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- b. The Permittee shall calibrate and perform maintenance procedures in accordance with manufacturer's specifications on all monitoring instruments and equipment to ensure accurate measurements.

The Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Permit, and records of all data used to complete the application for this Permit, for a period of at least three years from the date of the sample, measurement, report, or application. This period may be extended by request of the Regional Water Board, State Water Board, or U.S. EPA at any time. All monitoring instruments and devices used by the Permittee to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary, at least annually to ensure their continued accuracy.

- c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The individual(s) who performed the sampling or measurements;
 - iii. The date(s) analyses were performed;
 - iv. The individual(s) who performed the analyses;
 - v. The analytical techniques or methods used; and
 - vi. The results of such analyses.
 - vii. The method detection limit (MDL); and
 - viii. The practical quantitation level (PQL) or the limit of quantitation (LOQ).
- d. Unless otherwise noted, all sampling and sample preservation shall be in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All analyses shall be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in this Permit or approved by the Executive Officer. Unless otherwise specified, all metals shall be reported as total metals. Test fish for bioassays and test temperatures shall be specified by the Executive Officer. Bioassays shall be performed in accordance with guidelines approved by the Regional Water Board and the Department of Fish and Game.

11. Signatory Requirements

- a. All Permit applications submitted to the Regional Water Board, State Water Board, and/or U.S. EPA shall be signed by either a principal executive officer or ranking elected official. [40 CFR 122.22(a)]
- b. Reports required by this Permit, other information requested by the Regional Water Board, State Water Board, or U.S. EPA, and Permit applications submitted for Group II storm water discharges under 40 CFR 122.26(b)(3) may be signed by a duly authorized representative provided:
 - i. The authorization is made in writing by a person described in paragraph (a) of this provision;

- ii. The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company; and
 - iii. The written authorization is submitted to the Regional Water Board prior to or together with any reports, information, or applications signed by the authorized representative. [40 CFR 122.22(b)(c)]
- c. Any person signing a document under paragraph (a) or (b) of this provision shall make the following certification:
- "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations." [40 CFR 122.22(d)]

12. Reporting Requirements

- a. Planned changes: The Permittee shall give notice to the Regional Water Board as soon as possible of any planned physical alteration or additions to the permitted facility. Notice is required under this provision only when:
 - i. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in 40 CFR 122.29(b); or
 - ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the Permit, nor the notification requirements under **F. GENERAL PROVISIONS.12.f.**
- b. Anticipated noncompliance: The Permittee shall give advance notice to the Regional Water Board of any planned changes in the permitted facility or activity that may result in noncompliance with Permit requirements.
- c. Transfers: This Permit is not transferable to any person except after the notice to the Regional Water Board. The Regional Water Board may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Clean Water Act. [40 CFR 122.41 (l)(3)]

- d. Monitoring reports: Monitoring results shall be reported at the intervals specified in the Monitoring and Reporting Program. The Permittee shall submit an annual report to the Regional Water Board. The report shall be submitted so that it is received by the Regional Water Board on or before February 28. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous year. In addition, the Permittee shall discuss the compliance record and the corrective actions taken or planned which may be needed to bring the discharge into full compliance with the Permit. If the Permittee monitors any pollutant more frequently than required by this Permit, using test procedures approved under 40 CFR Part 136 or as specified in this Permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharger Monitoring Report (DMR).
- e. Compliance schedules: Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted such that it is received no later than 14 days following each schedule date.
- f. Noncompliance reporting: The Permittee shall report any noncompliance at the time monitoring reports are submitted. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times and, if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent recurrence of the noncompliance.

The following events shall be reported orally as soon as the Permittee becomes aware of the circumstances, and the written report shall be received by the Regional Water Board within ten days of that time.

- i. Any unanticipated bypass that violates any prohibition or exceeds any effluent limitation in the Permit;
- ii. Any upset that exceeds any effluent limitation in the Permit;
- iii. Violation of a maximum daily discharge limitation for any of the pollutants listed by the Regional Water Board in this Permit; and
- iv. Any noncompliance that may endanger health or the environment.

The Executive Officer may waive the above required written report.

- g. Other information: Where the Permittee becomes aware that it failed to submit any relevant facts in a Permit application, or submitted incorrect information in a Permit application or in any report to the Regional Water Board, the Permittee shall promptly submit such facts or information.
[40 CFR 122.41(1)]

13. Bypass

a. Definitions:

- i. Bypass [as defined in 40 CFR 122.41(m)] is the intentional diversion of waste streams from any portion of a treatment facility.
- ii. Severe property damage means substantial physical damage to property, damage to the treatment facilities that causes them to become inoperable, or substantial and permanent loss of natural resources that can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Bypass not exceeding limitations. The Permittee may allow any bypass to occur that does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance or in accordance with an operating plan approved by the Executive Officer to assure efficient operation. These bypasses are not subject to the provisions of parts c and d of this section.

c. Notice

- i. Anticipated bypass. If the Permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible, at least ten days before the date of the bypass.
- ii. Unanticipated bypass. The Permittee shall submit notice of an unanticipated bypass as required **F. GENERAL PROVISIONS.12.f.** of this Permit.

d. Prohibition of bypass

- i. Bypass is prohibited, and the Regional Water Board may take enforcement action against a Permittee for bypass, unless:
 - 1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - 2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass that occurred during normal periods of equipment downtime or preventive maintenance; and
 - 3) The Permittee submitted notices as required under **F. GENERAL PROVISIONS.13.c.** of this Permit.

- ii. The Executive Officer may approve an anticipated bypass, after considering its adverse effects, if the Executive Officer determines that it will meet the three conditions listed above in **F. GENERAL PROVISIONS.13.d.i.** above.

14. Upset

- a. Definition. Upset [as defined in 40 CFR 122.41(n)] is an exceptional incident in which there is unintentional and temporary noncompliance with technology-based Permit effluent limitations because of factors beyond the reasonable control of the Permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- b. Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based Permit effluent limitations if the requirements of (c), below, are not met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c. Conditions necessary for a demonstration of upset. A Permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - i. An upset occurred and that the Permittee can identify the cause(s) of the upset;
 - ii. The permitted facility was at the time being properly operated;
 - iii. The Permittee submitted notice of the upset as required in **F. GENERAL PROVISIONS.12.f.** of this Permit; and
 - iv. The Permittee complied with any remedial measures required under paragraph (d) of this section.
- d. Burden of proof. In any enforcement proceeding the Permittee seeking to establish the occurrence of an upset has the burden of proof.

15. Enforcement

The CWA provides that any person who violates a Permit condition implementing Sections 301, 302, 306, 307, 308, 318, or 405 of the CWA is subject to a civil penalty not to exceed \$25,000 per day of violation. Any person who negligently violates Permit conditions implementing Sections 301, 302, 306, 307, or 308 of the Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment of not more than one year, or both. Higher penalties may be imposed for knowing violations and for repeat offenders. The Porter-Cologne Water Quality Control Act provides for civil and criminal penalties comparable to, and in some cases greater than, those provided under the CWA.

16. Availability

A copy of this Permit shall be maintained at the discharge facility and be available at all times to operating personnel.

17. Change in Discharge

In the event of a material change in the character, location, or volume of a discharge, (including any point or nonpoint discharge to land or groundwater) the Permittee shall file with this Regional Water Board a new report of waste discharge at least 180 days before making any such change. [CWC Section 13376]. A material change includes, but is not limited to, the following:

- a. Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the waste.
- b. Significant change in disposal method, e.g., change from a land disposal to a direct discharge to water, or change in the method of treatment that would significantly alter the characteristics of the waste.
- c. Significant change in the disposal area, e.g., moving the discharge to another drainage area, to a different water body, or to a disposal area, significantly removed from the original area, potentially causing different water quality or nuisance problems.
- d. Increase in area or depth to be used for solid waste disposal beyond that specified in the waste discharge requirements. [CCR Title 23 Section 2210]

18. Additional Condition Applicable to Wastewater Treatment Facilities

All WWTFs shall provide adequate notice to the Executive Officer of the following, [CFR 122.42 (b)]:

- a. Any new introduction of pollutants into the WWTF from an indirect discharger that would be subject to Section 301 or 306 of the CWA if it were directly discharging those pollutants; and
- b. Any substantial change in the volume or character of pollutants being introduced into that WWTF by a source introducing pollutants into the WWTF at the time of issuance of the Permit.
- c. For purposes of this paragraph, adequate notice shall include information on the quality and quantity of effluent introduced into the WWTF, and any anticipated impact of the change on the quantity or quality of effluent to be discharged from the WWTF.

19. Severability

Provisions of these waste discharge requirements are severable. If any provision of these requirements is found invalid, the remainder of these requirements shall not be affected.

20. Monitoring

The Regional Water Board or State Water Board may require the Permittee to establish and maintain records, make reports, install, use, and maintain monitoring equipment or methods (including where appropriate biological monitoring methods), sample effluent as prescribed, and provide other information as may be reasonably required. [CWC Section 13267 and 13383].

The Permittee shall comply with the Contingency Planning and Notification Requirements Order No. 74-151 and the Monitoring and Reporting Program No. R1-2001-60. and any modifications to these documents as specified by the Executive Officer. Such documents are attached to this Permit and incorporated herein. The Permittee shall file with the Regional Water Board technical reports on self monitoring work performed according to the detailed specifications contained in any monitoring and reporting program as directed by the Regional Water Board.

Chemical, bacteriological, and bioassay analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. If all other analyses are conducted at a certified off-site laboratory, analyses for pH, chlorine residual, dissolved oxygen, and settleable matter performed by a noncertified on-site laboratory will be accepted provided a quality assurance/quality control program is instituted by the laboratory, and a manual containing the steps followed in this program is kept in the laboratory and made available for inspection by staff of the Regional Water Board. The quality assurance/quality control program shall conform to U.S. EPA or State Department of Health Services guidelines.

All Discharge Monitoring Reports shall be sent to:

California Regional Water Quality Control Board
North Coast Region
5550 Skylane Boulevard, Suite A
Santa Rosa, CA 95403

U.S. EPA, Region 9
Attn: WTR-7, NPDES/DMR
75 Hawthorne Street
San Francisco, CA 94105

21. National Pretreatment Standards: Prohibited Discharges

- a. General prohibitions. Pollutants introduced into WWTFs by a non-domestic source shall not pass-through [40 CFR403.3(n)] the WWTF or interfere [40 CFR 403.3(i)] with the operation or performance of the works. These general prohibitions and the specific prohibitions in paragraph (b) of this provision apply to all nondomestic sources introducing pollutants into a WWTF whether or not the source is subject to other National Pretreatment Standards or any national, state, or local Pretreatment Requirements.
- b. Specific prohibitions. In addition, the following pollutants shall not be introduced into a WWTF:
 - i. Pollutants that create a fire or explosion hazard in the WWTF;
 - ii. Pollutants that will cause corrosive structural damage to the WWTF, but in no case discharges with pH lower than 5.0, unless the works is specifically designed to accommodate such discharges;
 - iii. Solid or viscous pollutants in amounts that will cause obstruction to the flow in the WWTF resulting in interference:
 - iv. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration that will cause interference with the WWTF; and
 - v. Heat in amounts that will inhibit biological activity in the WWTF resulting in interference, but in no case heat in such quantities that the temperature at the WWTF exceeds 40°C (104°F) unless the Regional Water Board upon request of the WWTF approves alternate temperature limits.
 - vi. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;

- vii. Pollutants that result in the presence of toxic gases, vapors, or fumes within the WWTF in a quantity that may cause acute worker health and safety problems; and
 - viii. Any trucked or hauled pollutant, except at discharge points designated by the WWTF.
 - c. When specific limits must be developed by a WWTF.
 - i. WWTFs developing WWTF Pretreatment Programs pursuant to 40 CFR 403.8 shall develop and enforce specific limits to implement the prohibitions listed in paragraphs (a) and (b) of this provision.
 - ii. All WWTFs shall, in cases where pollutants contributed by User(s) result in interference or pass-through, and such violation is likely to recur, develop and enforce specific effluent limits for Industrial User(s), and all other users, as appropriate, that, together with appropriate changes in the WWTF's facilities or operations, are necessary to ensure renewed and continued compliance with the WWTF's NPDES Permit or sludge use or disposal practices.
 - iii. Specific effluent limits shall not be developed and enforced without individual notice to persons or groups who have requested such notice and an opportunity to respond.
 - d. Local limits. Where specific prohibitions or limits on pollutants or pollutant parameters are developed by a WWTF in accordance with paragraph (c) above, such limits shall be deemed Pretreatment Standards for the purposes of Section 307(d) of the CWA. [40 CFR 403.5(a) through (d)]

22. Operator Certification

Supervisors and operators of municipal wastewater treatment plants shall possess a certificate of appropriate grade in accordance with Title 23, CCR Section 3680. The State Water Board may accept experience in lieu of qualification training. In lieu of a properly certified wastewater treatment plant operator, the State Water Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Health Services where water reclamation is involved.

23. Adequate Capacity

Whenever a WWTF will reach capacity within four years, the Permittee shall notify the Regional Water Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies, and the press. The Permittee shall demonstrate that adequate steps are being taken to address the capacity problem. The Permittee shall submit a technical report to the Regional Water Board showing how flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Water Board, or within 120 days after receipt of

Regional Water Board notification, that the WWTF will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Water Board. An extension of 30 days may be granted by the Executive Officer, and longer extensions may be granted by the Regional Water Board proper. [CCR Title 23, Section 2232]

24. Acute Toxicity Control Provision

The Permittee shall have the effluent analyzed for acute toxicity in order to demonstrate compliance with the Basin Plan narrative toxicity objective. Compliance with this provision shall be achieved in accordance with the Monitoring and Reporting Program No. R1-2001-60.

The Permittee may petition the Regional Water Board to acknowledge an Acute-to-Chronic Ratio (ACR), once sufficient data have been collected. An ACR is calculated as the average of the ratios between at least ten sets of acute and chronic toxicity test results for the same species. If approved by the Regional Water Board, the ACR and results from a chronic toxicity test may be used to determine compliance with the Acute Toxicity Effluent Limitation.

25. Chronic Toxicity Control Provision

In accordance with the SIP, the Permittee shall have the effluent analyzed for chronic toxicity in order to demonstrate compliance with the Basin Plan narrative toxicity objective. Compliance with this requirement shall be achieved in accordance with Monitoring and Reporting Program No. R1-2001-60.

26. Toxicity Identification and Reduction Evaluations

If there is a consistent exceedance of the toxicity effluent limitation, the Permittee shall implement a TRE in accordance with the following:

- a. The TRE shall be specific to the discharge and permitted facility.
- b. The Permittee shall submit a TRE work plan to the Regional Water Board for approval within 60 days of the effluent limit exceedance.
- c. The TRE shall be performed in accordance with the *Toxicity Reduction Evaluation Protocol for Municipal Wastewater Treatment Plants* (EPA/833B-99/002).
- d. The TRE may be ended at any stage if monitoring finds there is no longer consistent toxicity.
- e. Many recommended TRE elements parallel required or recommended efforts of source control, pollution prevention, and storm water control programs. TRE efforts should be coordinated with such efforts. To prevent duplication of efforts, evidence of compliance with requirements

or recommended efforts of such programs may be acceptable to comply with TRE requirements.

- f. The Regional Water Board recognizes that chronic toxicity may be episodic and identification of causes of and reduction of sources of chronic toxicity may not be successful in all cases. Consideration of enforcement action by the Regional Water Board will be based in part on the Permittee's actions and efforts to identify and control or reduce sources of consistent toxicity.

27. Time Schedule for Completion of Data Collection per CTR/SIP

The Permittee has been issued a letter requiring the testing of effluent and receiving waters, pursuant to the State Implementation Plan. The following reiterates the submittal due date schedule contained in the 13267 letter issued to the Permittee on April 27, 2001:

Sampling plan for testing priority pollutants in effluent and receiving water	September 28, 2001
Sampling plan for testing dioxin congeners in effluent	September 28, 2001
Notification as to whether sampling took place	within 14 days of each scheduled sampling
Data submittal for all required priority pollutant sample events	April 28, 2003
Data submittal for all required dioxin sampling events	April 28, 2004

The Permittee shall comply with the above schedule.

28. Pollutant Minimization Program

The Permittee shall, as required by the Executive Officer, conduct a Pollutant Minimization Program in accordance with the SIP when there is evidence that the priority pollutant is present in the effluent above an effluent limitation or when a sample result is reported as detected and not quantified and the effluent limitation is less than the reported minimum level; or when a sample result is reported as not detected and the effluent limitation is less than the method detection limit.

29. Reopener

The Regional Water Board may modify, or revoke and reissue, this Order and Permit if present or future investigations demonstrate that the Permittee governed by this Order is causing or significantly contributing to, adverse impacts on water quality and/or beneficial uses of receiving waters.

In the event that the Regional Water Board's interpretation of the narrative toxicity objective is modified or invalidated by a State Water Board order, a court decision, or State or Federal statute or regulation, the effluent limitations for toxic pollutants contained in this Order may be revised to be consistent with the order, decision, statute or regulation.

In addition, the Regional Water Board may consider revising this Permit to make it consistent with the state implementation plan and any State Water Board decisions arising from various petitions for rehearing, and litigation concerning the state implementation plan, 303(d) list, and total maximum daily load (TMDL) program.

The Regional Water Board shall notice a reconsideration of this Permit within 60 days of the date of the final judgment by the San Francisco Superior Court in *WaterKeepers Northern California, et al.*, Case No. 312513, for the purpose of modifying the Permit to make it consistent with the judgment of the Court in this matter where any term, limitation, or provision is inconsistent with the judgment. The Permit shall be modified within the time period established by the Court in this matter.

Certification

I, Lee A. Michlin, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, North Coast Region, on June 28, 2001.

Lee A. Michlin
Executive Officer